











TRUCK MOUNT MIXERS & SPREADERS

A WIDE SELECTION OF TRUCK MOUNT MACHINES

TRUCK MOUNTED UNITS PROVIDE TWO DISTINCT ADVANTAGES OVER TRAILED MODELS WHETHER IN FEEDING OR MATERIAL HANDLING/SPREADING APPLICATIONS. HIGHER AVAILABLE TRAVELS SPEEDS, SPECIFICALLY ON RETURN TRIPS, PROVIDE EFFICIENCY ADVANTAGES WHEN TRAVELING LONGER DISTANCES. IN ADDITION TO PROVIDING TRAVEL TIME SAVINGS, TRUCK MOUNT MACHINES OFFER EASIER MANEUVERABILITY THAT IS MOST NOTICEABLE WHEN BACKING UP OR OPERATING IN TIGHT QUARTERS.



As the worldwide leader in spreading and mixing technology, Kuhn North America offers a complete line of 32 models of mixers and spreaders for truck mounting. Spreaders available for truck mounting include ProTwin® Slinger® side-discharge spreaders and the ProSpread® Commercial apron box spreaders, ranging in capacity from 430 cubic feet struck up to 1,230 cubic feet heaped. TMR mixers available for truck mounting include Vertical Maxx® twin-auger models, Reel Auggie®, Reel Commercial and Botec® four-auger models, ranging in capacity from 200 to 1,320 cubic feet. Six delivery box models are also available and have capacities ranging from 550 to 1,450 cubic feet. For proper operation, it is crucial that each of these machines is paired to the proper truck. This will allow each mixer and spreader to meet our high standards for quality performance and long life.

Summary

Choosing the Proper Drivetrain	
Power by the Numbers	!
Drive Selection for Maximum Performance	
Optimizing Truck Chassis Setup	
Knowing the Ratings	
Outstanding Reliability and Performance	
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CHOOSING THE PROPER **DRIVETRAIN**



POWER BY THE **NUMBERS**

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MANUAL TRANSMISSION

Most manual transmissions offer one or two gears that are low enough to achieve proper ground speed saving the expense of an additional gear reduction. A downside to a manual transmission, however, is that the PTO disengages when the clutch is depressed. This restricts PTO use to operations where the transmission will not be shifted.



AUTOMATED MANUAL TRANSMISSION

An automated manual transmission combines the ease of use of a fully automatic with the lower gearing of a manual transmission. These transmissions generally are more expensive, however the cost savings for not having to add an auxiliary transmission can make them competitively priced. These are primarily used with hydrostatically driven mixer applications.



AUTOMATIC TRANSMISSION

Automatic transmissions eliminate the need to manually shift gears providing more userfriendly operation. Due to the size, weight and use of truck-mounted machines, automatic transmissions may require modifications such an additional gear reduction to operate at an acceptable speed for unloading.



OPTIONAL AUXILIARY TRANSMISSION

An additional auxiliary transmission can be paired with any transmission to further reduce gearing and ground speed. This gearbox can be supplied in ratios of 2:1, 3.25:1, 4:1, 5:1 to provide ultra-low ground speeds that are preferred for many truck mount applications. The auxiliary transmission allows the truck to operate at road speeds when necessary.



REAR DIFFERENTIAL GEARING

When selecting a truck to mount a mixer or spreader we recommend the lowest rear end gearing available. This improves functionality by reducing ground speed and may open up options for other higher geared transmissions.



OVERALL REDUCTION CALCULATION

[First Gear Ratio] × [Auxiliary Low Range Ratio] × [Rear End Ratio]

Example: 3500 RDS Allison Transmission

First Gear: 4.59

Auxiliary Low Range Ratio: 3.25:1

Rear Axle Ratio: 5.38

4.59 x 3.25 x 5.38 = 80.3 Overall Reduction

Greater reduction may be required in certain applications to reach even lower ground speeds.

GROUND SPEED CALCULATION

[Engine RPM] ÷ [Overall Reduction] x [60] ÷ [Tire Revolutions/Mile]

Example:

Mechanical Drive: 1750 rpm Hydrostatic Drive: 2000 rpm **Overall Reduction: 80.3**

Multiplier to convert RPM to mph: 60

Tire Revolutions/Mile: 496 (based on 11R 22.5 tire)

Mechanical Drive:

 $(1750 \div 80.3) \times (60 \div 496) = 2.6 \text{ mph}$

Hydrostatic Drive:

 $(2000 \div 80.3) \times (60 \div 496) = 3.0 \text{ mph}$

Without the 3.25:1 auxiliary transmission, this truck would have a ground speed of 8.6 mph at 1750 RPM or 9.8 mph at 2000 RPM.

MINIMUM RECOMMENDATIONS

Machine	Ground Speed	1st Gear Ratio	Rear Axle Ratio	Overall Reduction	
Mixers	2-3 mph	8:1	7:1	60:1-100:1*	
Spreaders	3-6 mph	8:1	6:1	50:1	

* Requirements may vary based on your feeding operation.

DRIVE **SELECTION FOR MAXIMUM PERFORMANCE**



OPTIMIZING TRUCK **CHASSIS SETUP**



MECHANICAL DRIVE

Because mechanical-driven machines receive their power from the transmission, it's important that the transmission selected has the capacity to operate the PTO at the proper torque, speed, and direction of rotation. Mechanical drive systems cost less and have a number of different gearbox options but are less versatile than hydrostatic drives. They also cannot handle the startup torque of some of the largest KUHN Knight mixers and spreaders.



HYDROSTATIC DRIVE



SELECTING THE RIGHT PTO

To properly order the correct PTO for a mechanical drive, it is important to know the make and model of your transmission as well as the number of transmission speeds. It is also helpful to know the year, make, model, engine and horesepower of the truck.

DRIVELINE ANGLE

The driveline angle is critical for both mechanical and hydrostatic drive options. An improper angle may result in poor operation and decreased component life. We recommend a driveline angle in the range of 1-8 degrees for best performance.



When incorporating a hydrostatic drive, the truck must be equipped with an engine PTO accessory in either the front (FEPTO) or rear (REPTO). Hydrostatic drives are more versatile with the mixer speed independent of the ground speed. A front-mounted hydrostatic pump powered by a FEPTO will require a truck with an extended front bumper, which may be done after-market or ordered stock from the truck manufacturer. A rear mounted hydrostatic pump powered by a REPTO will require a truck with longer cab-to-axle dimensions to accomodate the pump located between the cab and the mixer.



WHEELBASE MODIFICATION

FRAME MODIFICATION

To optimize weight distribution and achieve proper driveline clearance it may be necessary to adjust axle position.

Selecting the proper truck frame for mounting a mixer or spreader is critical.

For small- to medium-sized models, a single C frame may be sufficient. On larger units, a double C frame is necessary to ensure proper support. Frame

length is also very important. To ensure a proper fit, the frame may need to

be stretched. When extending the frame, a minimum of three feet overlap

between sections is required to ensure frame integrity.



SUSPENSION MODIFICATION

To meet suspension requirements, modification to the front and/or rear spring packs may be necessary. Additional modification may also be necessary for some reel mixers due to the weight and position of the augers.



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KNOWING THE RATINGS



GROSS VEHICLE WEIGHT RATING

The maximum weight of a vehicle is specified by the manufacturer as gross vehicle weight rating (GVWR). This measurement refers to the weight of all truck components as well as the load applied. To ensure that your mixer or spreader has proper support, it is important to be mindful of the GVWR when purchasing your truck.



The maximum operating weight of each axle of a vehicle is specified by the manufacturer. Be sure to account for all possible uses and applications of your truck before choosing your chassis.

SINGLE AXLE VS. TANDEM AXLE

For smaller, lower weight machines that handle smaller volumes, a single axle chassis is generally recommended. Single axles provide a tighter turning radius and cost less, saving you time and money. Larger units used for heavier loads often require a tandem axle configuration in order to meet the minimum weight requirements. They offer better flotation and sturdy support in these applications.







OUTSTANDING RELIABILITY & PERFORMANCE



FEEDLOT CORE RADIATOR/CHARGE AIR COOLER

This optional radiator and charge air cooler set is built with heavy-duty fins to allow for pressure washing. It is designed for agricultural use with a larger percentage of open space to allow for increased air flow and minimized plugging.



ASSIST AXLE

An air loaded assist axle may be required on some larger units. The assist axle may be mounted in front of the tandem axle (pusher) or behind (tag). This axle may be lowered when necessary to meet certain travel regulations, but may also be raised when not needed to improve cornering and save tire wear.



REMOTE A/C CONDENSER

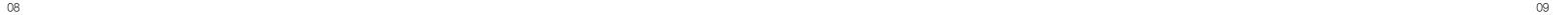
For improved airflow through the radiator and charge air cooler, this air conditioning condenser is relocated to the side of the truck frame behind the cab.

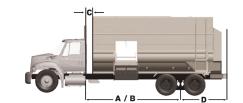
This also reduces the labor required to clean crucial engine cooling components.

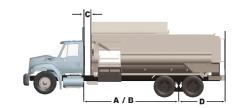


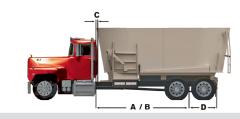
FLOTATION TIRES

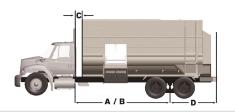
Flotation tires help minimize compaction and maximize traction when hauling even the heaviest loads. Some flotation tires are also designed for road speed.

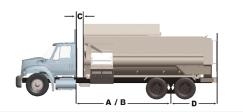


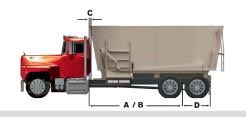












Technical Specifications

Part		DRIVE CAB-TO-AXLE UNIT (MECH/FEPTO)	DRIVE CAB- TO-AXLE UNIT ¹ (REPTO)	SET BACK CAB UNIT (FEPTO/MECH)	SET BACK CAB UNIT (REPTO)	MIN AFTERFRAME ²	AXLE TYPE	MIN GVW	MIN FRAME SEC. MOD ³	MIN AXLE FRONT/REAR (1,000 LBS)	MIN ENGINE HP	MIN ENGINE DISPLACEMENT	MIN PTO TORQUE
Value 1971 1971 1971 1972 1972 1972 1973 1973 1973 1974		A			С	D				()			
Value 1971 1971 1971 1972 1972 1972 1973 1973 1973 1974	REEL AUGGIE												
PAID	3120	103"-109"	-	11"-17"	_	42"	Single	25,000 lbs	12.5 in ³	10/15	180 hp	6 L	200 ft. lbs.
Fig. 12 Fig. 2 Fig. 3 Fig. 2 Fig. 3	RA 125	105" - 110"	_	17"- 24"	_	51"	Single	25,000 lbs	12.5 in³	10/15	180 hp	6 L	200 ft. lbs.
Section 18 18 19 18 19 19 19 19	RA 130	115" - 120"	_	17"- 24"	_	60"	Single	27,500 lbs	12.5 in³	10/17.5	180 hp	6 L	200 ft. lbs.
Pace	RA 136	96"-102"	_	9"-15"	_	56"	Single	27,500 lbs	12.5 in ³	10/17.5	180 hp	6 L	250 ft. lbs.
Property		113"-119"	_	9"-15"	_	56"	Single	36,000 lbs	12.5 in ³	12/24	210 hp	6 L	250 ft. lbs.
Hyper	REEL COMMERCIAL												
## CYST	RC 250	118"-124"	130"-136"	9"-15"	_	56"	Single	45,000 lbs	17 in ³	12/33	250 hp	8 L	300 ft. lbs.
Fig. 25	RC 260	138"-144"	150"-156"	9"-15"	_	66"	Single	48,000 lbs	17 in ³	12/36	300 hp	8 L	300 ft. lbs.
Second S	RC 260	138"-144"	150"-156"	_	_	66"	Tandem	51,000 lbs	17 in ³	14/37	300 hp	8 L	300 ft. lbs.
\$\text{\$\t	RC 270	157"–163"	169"-175"	_	_	84"	Tandem	56,000 lbs	17 in ³	14/42	330 hp	9 L	300 ft. lbs.
Section 15 15 15 15 15 15 15 1	RC 295	157"–163"	169"-175"	_	_	90"	Tandem	64,000 lbs	23 in ³	18/46	330 hp	9 L	Hydrostatic
## 422 172-197 -		203"-207"	210"-217"	18"-24"5	_	80"	Tandem (Tandem-Pusher)	82,000 lbs	27 in ³	21/62 (22/52/12)	360 hp	12 L	Hydrostatic
### 1125-127	BOTEC												
## STORY Part	4136	112"-120"	_	13"-24"	_	62"	Single	27,500 lbs	12.5 in ³	10/17.5	180 hp	6 L	180 ft. lbs.
Fig. 160	4142	112"-120"	-	13"-24"	_	62"	Single	36,500 lbs	12.5 in ³	12/24	210 hp	6 L	180 ft. lbs.
Second by Temperature Te	BTC 155	134"-140"	145"-151"	13"-24"	_	70"	Single	49,000 lbs	17 in ³	12/37	250 hp	7 L	250 ft. lbs.
Sign	BTC 163	150"-156"	160"-166"	20"	_	76"	Tandem	58,000 lbs	17 in ³	16/42	300 hp	8 L	300 ft. lbs.
VEHICAL MAXY - From Decourage (IV) Side Declarage (IV)	BTC 172	150"-156"	160"-166"	20"	_	76"	Tandem	62,000 lbs	17 in ³	16/46	330 hp	9 L	300 ft. lbs.
TF24 SD	BTC 190	147"-153"	163"	20"	_	80"	Tandem	70,000 lbs	23 in ³	18/52	330 hp	9 L	Hydrostatic
TF24 SD	VERTICAL MAXX - Front Discharge (F	ED) - Side Discharge (SD)		'	'		·		·		,	'	
VT 268 FO			-	10" - 16"	_	60"	Single	42,000 lbs	12.5 in³	12/30	250 hp	7 L	300 ft. lbs.
VF-288 SP DPP-142"	VT 256 SD	128" - 142"	_	10" - 16"	_	72"	Tandem	54,000 lbs	17 in³	14/40	300 hp	8 L	400 ft. lbs.
VF-288 SP DPP-142"	VT 256 FD	156" - 170"	_	10" - 16"	_	72"	Tandem (Single)	54,000 lbs	17 in³	14/40 (14/37)	300 hp	8 L	400 ft. lbs.
VEVICE 08 0	VT 268 SD	128" - 142"	_	10" - 16"	_	72"		54,000 lbs	17 in³	14/40	300 hp	9 L	400 ft. lbs.
VIVIC 280 SP 198" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 64,000 lbs 23 in' 1846 355 lbp 10 Hydrostato VIVIC 200 SD 198" - 144" 194" 100" 4" - 160" 20" - 26" 78" Tundam 72,000 lbs 20 in' 20152 375 lbp 12 Hydrostato VIVIC 2100 SD 198" - 144" 194" 100" 4" - 160" 20" - 26" 78" Tundam 72,000 lbs 20 in' 20152 375 lbp 12 Hydrostato VIVIC 2100 SD 38" - 144" 194" 100" 4" - 160" 20" - 26" 78" Tundam 72,000 lbs 20 in' 20152 375 lbp 12 Hydrostato VIVIC 210 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20056 400 lbp 12 Hydrostato VIVIC 210 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20056 400 lbp 12 Hydrostato VIVIC 2200 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20566 400 lbp 12 Hydrostato VIVIC 200 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20566 400 lbp 12 Hydrostato VIVIC 200 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20566 400 lbp 12 Hydrostato VIVIC 200 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20566 400 lbp 12 Hydrostato VIVIC 200 SD 38" - 144" 164" - 160" 4" - 160" 20" - 26" 78" Tundam 75,000 lbs 25 in' 20566 400 lbp 12 Hydrostato VIVIC 200 SD 38" - 160" 20" - 20" 20" - 20" 20" - 20" 20" - 20" 20" - 20" 20	VT 268 FD	156" - 170"	_	10" - 16"	_	72"	Tandem	54,000 lbs	17 in³	14/40	300 hp	9 L	400 ft. lbs.
VPVTC2100 SD	VT/VTC 280 SD	138" - 144"	154" - 160"	4" - 10"	20" - 26"	78"	Tandem	64,000 lbs	23 in³	18/46	325 hp	10 L	Hydrostatic
VIVIC 2100 FD	VT/VTC 280 FD	169" - 175"	190" - 196"	4" - 10"	25" - 31"	78"	Tandem	64,000 lbs	23 in³	18/46	325 hp	10 L	Hydrostatic
VIVIC 210 SD	VT/VTC 2100 SD	138" - 144"	154" - 160"	4" - 10"	20" - 26"	78"	Tandem	72,000 lbs	25 in³	20/52	375 hp	12 L	Hydrostatic
VTC 210 FB	VT/VTC 2100 FD	169" - 175"	190" - 196"	4" - 10"	25" - 31"	78"	Tandem	72,000 lbs	25 in³	20/52	375 hp	12 L	Hydrostatic
VIC 21/20 SD	VT/VTC 2110 SD	138" - 144"	154" - 160"	4" - 10"	20" - 26"	78"	Tandem	75,000 lbs	25 in³	20/56	400 hp	12 L	Hydrostatic
Wind	VT/VTC 2110 FD	169" - 175"	190" - 196"	4" - 10"	25" - 31"	78"	Tandem	75,000 lbs	25 in³	20/56	400 hp	12 L	Hydrostatic
PRIONED RELIGION MAY Not Loads 174"-178" 19"-19" 19"-22" - 80" Fanders 72.00 lbs 23 in? 20/52 330 9 L Hydrostatic PF 1130 (RK Max Net Load) 174"-178" 19"-22" - 80" Fanders 82.000 lbs 27 in? 21 in? 21 in? 21 in? 21 in? 21 in? 22 in. 2	VTC 2120 SD	138" - 144"	154" - 160"	4" - 10"	20" - 26"	78"	Tandem	79,000 lbs	25 in³	21/58	400 hp	12 L	Hydrostatic
PF 1130 (36K Max Net Load) 174"-178" 193"-197" 19"-22" - 80" Fandem 72,000 lbs 23 in 2052 330 9.1 Hydrostatic PF 1130 (50K Max Net Load) 174"-178" 193"-197" 19"-22" - 80" Fandem 82,000 lbs 27 in 21/162 360 12.1 Hydrostatic PF 1145 (40K Max Net Load) 174"-178" 193"-197" 19"-22" - 80" Fandem 90,000 lbs 30 in 22/168 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 27 in 22/162 22/66 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 27 in 22/162 22/66 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 27 in 22/162 22/66 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 210"-213" - 88" Fandem 130,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 196"-202" 17"-23" - 52" Fandem 60,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 190"-196" 196"-202" 17"-23" - 52" Fandem 60,000 lbs 17 in 22/166 22/56/12 20/16 2	VTC 2120 FD	169" - 175"	190" - 196"	4" - 10"	25" - 31"	78"	Tandem	79,000 lbs	25 in³	21/58	400 hp	12 L	Hydrostatic
PF 1130 (36K Max Net Load) 174"-178" 193"-197" 19"-22" - 80" Fandem 72,000 lbs 23 in 2052 330 9.1 Hydrostatic PF 1130 (50K Max Net Load) 174"-178" 193"-197" 19"-22" - 80" Fandem 82,000 lbs 27 in 21/162 360 12.1 Hydrostatic PF 1145 (40K Max Net Load) 174"-178" 193"-197" 19"-22" - 80" Fandem 90,000 lbs 30 in 22/168 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 27 in 22/162 22/66 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 27 in 22/162 22/66 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 27 in 22/162 22/66 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Fandem 130,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 210"-213" - 88" Fandem 130,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 192"-196" 196"-202" 17"-23" - 52" Fandem 60,000 lbs 17 in 22/166 22/56/12) 400 12.1 Hydrostatic PF 1145 (40K Max Net Load) 190"-196" 196"-202" 17"-23" - 52" Fandem 60,000 lbs 17 in 22/166 22/56/12 20/16 2	PROFEED DELIVERY BOX	'		·	'		· ·		'			'	
PF 1130 G0K Max Net Load 124"+178" 193"-197" 19"-22" - 80" Tandem 90,000 lbs 30 n² 22/68 400 12 l Hydrostatic PF 1145 G0K Max Net Load 192"-196" 211"-215" 19"-22" - 80" Tandem (Tandem-Pusher) 80,000 lbs 27 n³ 22/60 (22/52/12) 360 12 l Hydrostatic PF 1145 G0K Max Net Load 192"-196" 211"-215" 19"-22" - 80" Tandem (Tandem-Pusher) 90,000 lbs 30 n² 22/68 (22/52/12) 360 12 l Hydrostatic PF 1145 G0K Max Net Load 192"-196" 211"-215" 19"-22" - 88" Tandem 17" and 20/40 lbs 30 n² 22/68 (22/52/12) 360 12 l Hydrostatic PF 1145 G0K Max Net Load 190"-196" 196"-202" 17"-23" - 88" Tandem-Tag 67,000 lbs 17 n² 20/40 lbs 325 hp 9 l 300 ft. lbs 15 lbs 166"-171" 17"-17" 17"-23" - 52" Tandem 60,900 lbs 17 n² 20/46 325 hp 9 l 300 ft. lbs 15 l		174"-178"	193"-197"	19"-22" 5	_	80"	Tandem	72,000 lbs	23 in ³	20/52	330	9 L	Hydrostatic
PF 1145 (d0K Max Net Load) 192"-196" 211"-215" 19"-22" - 80" Tandem (Tandem Pusher) 80,000 lbs 27 in 22/60 (22/52/12) 360 12 L Hydrostatic PROTWN SLINGER	PF 1130 (45K Max Net Load)	174"-178"	193"-197"	19"-22" 5	_	80"	Tandem	82,000 lbs		21/62	360	12 L	Hydrostatic
PROTWIN SLINGER SLC 132	PF 1130 (50K Max Net Load)	174"-178"	193"-197"	19"-22" 5	_	80"	Tandem	90,000 lbs	30 in ³	22/68	400	12 L	Hydrostatic
PROTWIN SLINGER SLC 132 157"-163" 163"-169" 17"-23" - 88" Tandem-Tag 67,000 lbs 17 in 20/40/16 325 hp 9	PF 1145 (40K Max Net Load)	192"-196"	211"-215"	19"-22" 5	_	80"	Tandem (Tandem-Pusher)	80,000 lbs	27 in ³	22/60 (22/52/12)	360	12 L	Hydrostatic
PROTWIN SLINGER SLC 132 157"-163" 163"-169" 17"-23" - 88" Tandem-Tag 67,000 lbs 17 in 20/40/16 325 hp 9	PF 1145 (50K Max Net Load)	192"-196"	211"-215"	19"-22" 5	_	80"	Tandem (Tandem-Pusher)	90,000 lbs	30 in ³	22/68 (22/58/12)	400	12 L	Hydrostatic
SLC 132 190"-196" 196"-202" 17"-23" - 52" Tandem 60,900 lbs 17 in³ 20/46 325 hp 9 L 300 ft. lbs.		·			'				·		·	'	
SLC 132 165"-171" 171"-177" 17"-29" - 52" Tandem 58,000 lbs 17 in³ 14/46 325 hp 9 L 300 ft. lbs.		157"-163"	163"-169"	17"-23"	_	88"	Tandem-Tag	67,000 lbs	17 in ³	20/40/16	325 hp	9 L	300 ft. lbs.
SLC 132 165"-171" 171"-177" 17"-29" - 52" Tandem 58,000 lbs 17 in³ 14/46 325 hp 9 L 300 ft. lbs.	SLC 132	190"-196"	196"-202"		_	52"	Tandem		17 in ³	20/46		9 L	300 ft. lbs.
SLC 141 207"-210" 210"-213" 23"-26" — 57" Tandem-Pusher 80,000 lbs 17 in³ 16/46/13 350 hp 9 L 300 ft. lbs. SLC 141 205"-208" 208"-211" 23"-26" — 91" Tandem-Pusher 86,000 lbs 17 in³ 20/40/13/13 350 hp 9 L 300 ft. lbs. SLC 141 211"-214" 214"-217" 23"-26" — 53" Tandem 72,000 lbs 17 in³ 20/40/13/13 350 hp 9 L 300 ft. lbs. COMMERCIAL PROSPREAD PSC 161 164"-168" — 14"-20" — 60" Tandem 73,000 lbs 25 in³ 18/55 325 hp 10 L 325 ft. lbs. PSC 161 164"-168" — 14"-20" — 60" Tandem Pusher 73,000 lbs 25 in³ 16/46/12 325 hp 10 L 325 ft. lbs. PSC 171 186"-190" — 14"-20" — 65" Tandem Pusher 76,000 lbs 30 in³ 16/46/15 375 hp 12 L 350 ft. lbs. PSC 181 212"-216" — 14"-20" — 65" Tandem-Pusher 84,000 lbs 40 in³ 16/48/20 425 hp 12 L 350 ft. lbs. PSC 181 212"-224" — 188"-20" — 50" Tandem-Pusher 84,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 168"-178" — 14"-20" — 99" Tandem-Pusher 89,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 168"-178" — 14"-20" — 99" Tandem-Pusher 99,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 168"-178" — 14"-20" — 99" Tandem-Pusher 99,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 180 168"-178" — 14"-20" — 99" Tandem-Pusher 99,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 180 168"-178" — 14"-20" — 99" Tandem-Pusher 99,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs.	SLC 132				_		Tandem	58,000 lbs	17 in ³	14/46	325 hp	9 L	300 ft. lbs.
SLC 141 205"-208" 208"-211" 23"-26" - 91" Tandem-Tag-Pusher 86,000 lbs 17 in³ 20/40/13/13 350 hp 9 L 300 ft. lbs. SLC 141 211"-214" 214"-217" 23"-26" - 53" Tandem 72,000 lbs 17 in³ 20/52 350 hp 9 L 300 ft. lbs. COMMERCIAL PROSPREAD PSC 161 164"-168" - 14"-20" - 60" Tandem 73,000 lbs 25 in³ 18/55 325 hp 10 L 325 ft. lbs. PSC 161 164"-168" - 14"-20" - 60" Tandem-Pusher 73,000 lbs 25 in³ 18/55 325 hp 10 L 325 ft. lbs. PSC 171 186"-190" - 14"-20" - 65" Tandem 76,000 lbs 30 in³ 18/58 375 hp 12 L 350 ft. lbs. PSC 171 186"-190" - 14"-20" - 65" Tandem-Pusher 76,000 lbs 30 in³ 18/58 375 hp 12 L 350 ft. lbs. PSC 181 212"-216" - 14"-20" - 65" Tandem-Pusher 84,000 lbs 40 in³ 16/48/12 425 hp 12 L 350 ft. lbs. PXL 185 219"-224" - 18"-20" - 50" Tandem-Pusher 88,000 lbs 40 in³ 20/48/20 425 hp 12 L 350 ft. lbs. PXL 185 188"-178" - 14"-20" - 99" Tandem-Tag-Pusher 90,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 188"-178" - 14"-20" - 99" Tandem-Pusher 90,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 240"-244" - 16"-19" - 60" Tandem-Pusher 90,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 180 240"-244" - 16"-19" - 60" Tandem-Pusher 90,000 lbs 40 in³ 20/40/12/20 475 hp 12 L 350 ft. lbs.				23"-26"	_		Tandem-Pusher	80,000 lbs		16/46/13	350 hp		
SLC 141 211"-214" 214"-217" 23"-26" - 53" Tandem 72,000 lbs 17 in³ 20/52 350 hp 9 L 300 ft. lbs. COMMERCIAL PROSPREAD PSC 161 164"-168" - 14"-20" - 60" Tandem 73,000 lbs 25 in³ 18/55 325 hp 10 L 325 ft. lbs. PSC 161 164"-168" - 14"-20" - 60" Tandem-Pusher 73,000 lbs 25 in³ 16/46/12 325 hp 10 L 325 ft. lbs. PSC 171 186"-190" - 14"-20" - 65" Tandem 76,000 lbs 30 in³ 16/46/15 375 hp 12 L 350 ft. lbs. PSC 171 186"-190" - 14"-20" - 65" Tandem-Pusher 76,000 lbs 30 in³ 16/46/15 375 hp 12 L 350 ft. lbs. PSC 181 212"-216" - 14"-20" - 65" Tandem-Pusher 84,000 lbs 40 in³ 16/48/20 425 hp 12 L 350 ft. lbs. PXL 185 219"-224" - 18"-20" - 50" Tandem-Pusher 88,000 lbs 40 in³ 20/48/20 425 hp 12 L 350 ft. lbs. PXL 185 168"-178" - 14"-20" - 99" Tandem-Pusher 92,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 16"-178" - 14"-20" - 99" Tandem-Pusher 92,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 180 240"-244" - 16"-19" - 60" Tandem-Pusher 90,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 1100 240"-244" - 16"-19" - 60" Tandem-Pusher 90,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs.	SLC 141	205"-208"	208"-211"	23"-26"	_	91"	Tandem-Tag-Pusher	86,000 lbs	17 in ³	20/40/13/13		9 L	300 ft. lbs.
COMMERCIAL PROSPREAD PSC 161	SLC 141				_								
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PSC 171 186"-190" - 14"-20" - 65" Tandem 76,000 lbs 30 in³ 18/58 375 hp 12 L 350 ft. lbs. PSC 171 186"-190" - 14"-20" - 65" Tandem-Pusher 76,000 lbs 30 in³ 16/46/15 375 hp 12 L 350 ft. lbs. PSC 181 212"-216" - 14"-20" - 65" Tandem-Pusher 84,000 lbs 40 in³ 16/48/20 425 hp 12 L 350 ft. lbs. PXL 185 219"-224" - 18"-20" - 50" Tandem-Pusher 88,000 lbs 40 in³ 20/48/20 425 hp 12 L 350 ft. lbs. PXL 185 168"-178" - 14"-20" - 99" Tandem-Pusher 92,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. PXL 185 168"-178" - 14"-20" - 99" Tandem-Pusher 92,000 lbs 40 in³ 20/40/12/20 425 hp 12 L 350 ft. lbs. <tr< td=""><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td>Tandem-Pusher</td><td></td><td></td><td>16/46/12</td><td></td><td>10 L</td><td></td></tr<>			_		_		Tandem-Pusher			16/46/12		10 L	
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			-		_		Tandem-Pusher-Pusher	· · · · · · · · · · · · · · · · · · ·					

¹ This information may not apply to tilt cab trucks. A longer cab-to-axle may be required. ² ProTwin afterframes are required only for bumper supports and are non-load bearing for tandem axles without tag. ³ ProTwin afterframes require full strength afterframe for units with tandem and tag axles. ⁴The FRAME SEC. MOD. column refers to the strength of the frame based on 110,000 PSI yield strength. ⁵ Add 15" to max value for REPTO machines.



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